

Title (en)

DEVICE FOR RECEIVING ONE TOOL SPINDLE BEARER FOR A DRIVING APPARATUS

Publication

EP 0401720 A3 19910403 (DE)

Application

EP 90110528 A 19900602

Priority

DE 3918903 A 19890609

Abstract (en)

[origin: EP0401720A2] The device has at least two clamping elements (27) with heads (45) with which a tool-spindle carrier (12) can be secured in place on a vertical bearing surface of a drive unit (14). The head (45) of the clamping element (27) has as a centring part at least one clamping and centring surface (48, 49) lying on a tapered circumference. The clamping and centring surface (48, 49) interacts with at least one tapered circumferential surface (44) of the tool-spindle carrier (12). The tool-spindle carrier (12) can thereby be centred and clamped in a single step. No additional components are required for centring the tool-spindle carrier (12) on the drive unit (14). The device permits high reproducibility in a simple clamping and centring action. <IMAGE>

IPC 1-7

B23Q 3/00

IPC 8 full level

B23Q 1/00 (2006.01); **B23Q 3/157** (2006.01)

CPC (source: EP)

B23Q 1/0063 (2013.01); **B23Q 2003/1558** (2013.01)

Citation (search report)

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AT CH DE ES FR GB IT LI SE

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EP 0401720 A2 19901212; EP 0401720 A3 19910403; EP 0401720 B1 19930825; AT E93435 T1 19930915; DD 297927 A5 19920130; DE 3918903 A1 19901213; DE 3918903 C2 19930121; DE 59002435 D1 19930930

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